

Claims

1. A communication system comprising:
 - an IC tag attached on a business card;
 - a first information-and-telecommunication terminal which carries reader function to the IC tag attached on the business card; and
 - a server which is able to distribute contents corresponding to information memorized in the IC tag;
 - wherein the first information-and-telecommunications terminal characterized by accessing the server by reading access information memorized in the IC tag by the reader function, and acquiring and displaying the contents corresponding to the access information concerned.
2. The communication system in accordance with claim 1, further comprising:
 - a second information-and-telecommunication terminal which carries reader/writer function, which owns by a distributor of the business card;
 - wherein the second information-and-telecommunication terminal characterized by accessing the server and performing creation/renewal of the contents.
3. The communication system in accordance with claim 2,
 - wherein the second information-and-telecommunication terminal is characterized by writing the access information of created and updated contents in the IC tag by the reader/writer function.
4. The communication system in accordance with claims 2 or 3,
 - wherein the second information-and-telecommunication terminal is characterized by arbitrarily changing in information disclosure level of the contents for every receipt person of the business card.
5. The communication system in accordance with claim 1,

wherein the contents are personal information of the distributor of the business card.

6. A communication method applied to a communication system including an IC tag attached on a business card, a first information-and-telecommunication terminal which carries a reader function to the IC tag attached to the business card, a second information-and-telecommunication terminal which carries a reader/writer function, which owns by a distributor of the business card and a server which is able to distribute contents corresponding to information memorized in the IC tag,

wherein the first information-and-telecommunication terminal characterized by comprising steps of:

reading step for reading access information memorized in the IC tag by the reader function;

acquiring step for acquiring contents corresponding to the access information by way of accessing the server; and

displaying step for displaying the acquired contents corresponding to the access information;

wherein the second information-and-telecommunication terminal characterized by comprising the steps of:

creating and updating step for creating and updating the contents by way of accessing the server;

writing step for writing access information of the created and updated contents in the IC tag by way of using the reader / writer function.

7. The communication method in accordance with claim 6,

wherein the second information-and-telecommunication terminal is characterized by further having setting step for setting change of information disclosure level of the contents arbitrarily for every receipt person of the business card.

8. The communication method in accordance with claims 6 or 7,

wherein the contents is characterized by being what offers personal information of a

distribution person of the business card.

9. A communication program applied to a communication system including an IC tag attached on a business card, a first information-and-telecommunication terminal which carries a reader function to the IC tag attached to the business card, a second information-and-telecommunication terminal which carries a reader/writer function, which owns by a distributor of the business card and a server which is able to distribute contents corresponding to information memorized in the IC tag,

wherein the first information-and-telecommunication terminal characterized by comprising processes of:

reading process for reading URL information as access information memorized in the IC tag by the reader function;

acquiring process for acquiring contents corresponding to the access information by way of accessing the server; and

displaying process for displaying the acquired contents corresponding to the access information;

wherein the second information-and-telecommunication terminal characterized by comprising the processes of:

creating and updating process for creating and updating the contents by way of accessing the server;

writing process for writing access information of the created and updated contents in the IC tag by way of using the reader / writer function.

10. The communication program in accordance with claim 9,

wherein the second information-and-telecommunication terminal is characterized by further having setting process for setting change of information disclosure level of the contents arbitrarily for every receipt person of the business card.

11. The communication program in accordance with claims 9 or 10,

wherein the contents is characterized by being what offers personal information of a

distribution person of the business card.

12. A communication system comprising:

- an IC tag attached on an object;
- a reader / writer provided with a function which communicates with the IC tag for every predetermined time;
 - a mobile information terminal which carries the reader / writer;
 - wherein the mobile information terminal is characterized by having functions of:
 - a first alarm emission function for emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible;
 - a second alarm emission function for emitting a second alarm when communication with the reader/writer and the IC tag becomes possible;
 - a position information acquisition function for acquiring a position information of the mobile information terminal when communication with the reader/writer and the IC tag becomes impossible;
 - a display function for displaying the position information which acquired by the position information acquisition function.

13. The communication system in accordance with claim 12,

- wherein the mobile information terminal is characterized by changing suitably a timing for acquiring the position information by the position information acquisition function in accordance with electric wave environment, when communication of the reader/writer and the IC tag becomes impossible.

14. The communication system in accordance with claims 12 or 13,

- wherein the IC tag is characterized by having given an unique identification number and setting change of correlation data with the object being arbitrarily possible via the reader/writer from the mobile information terminal.

15. The communication system in accordance with claim 12,

wherein the first alarm and the second alarm are different or same sound, luminescence, vibration or screen information, or its combination, and are characterized by setting change being arbitrarily possible from the mobile information terminal.

16. The communication system in accordance with claim 13,

wherein the position information acquisition function is characterized by acquiring the position information based on received electric wave intensity with two or more base stations.

17. The communication system in accordance with claim 13,

wherein the position information acquisition function is characterized by acquiring the position information by communication with a GPS Satellite via base stations.

18. The communication system in accordance with claim 12,

wherein the mobile information terminal is connected with a management server via communication line and is characterized by providing the function which transmits the first alarm and the position information acquired by the position information acquisition function to the management server.

19. The communication system in accordance with claim 18,

wherein the management server is characterized by providing information program about the communications system using the IC tag and offering information about a lost article in the information program for a terminal device which is able to be accessed via the communication line.

20. A communication program applied to a communication system including an IC tag attached on an object, a reader / writer provided with a function which communicates with the IC tag for every predetermined time, a mobile information terminal which carries the reader / writer;

wherein the mobile information terminal is characterized by having processes of:

a first alarm emission process for emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible;

a second alarm emission process for emitting a second alarm when communication with the reader/writer and the IC tag becomes possible;

a position information acquisition process for acquiring a position information of the mobile information terminal when communication with the reader/writer and the IC tag becomes impossible; and

a display process for displaying the position information which acquired by the position information acquisition process.

21. The communication program in accordance with claim 20,

wherein the mobile information terminal is connected with a management server via communication line and is characterized by providing a process which transmits the first alarm and the position information acquired by the position information acquisition process to the management server.

22. The communication program in accordance with claims 20 or 21,

wherein the mobile information terminal is characterized by providing a process which performs to restrict functions of the mobile information terminal when the mobile information terminal in condition of missing.

23. The communication program in accordance with claim 20,

wherein the position information acquisition process is characterized by changing the acquisition timing of the position information according to electric wave environment.

24. A communication system comprising:

an IC tag attached on an object;

a reader / writer provided with a function which communicates with the IC tag for every predetermined time;

a mobile information terminal which carries the reader / writer;

wherein the mobile information terminal is characterized by emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible, emitting a second alarm when communication with the reader / writer and the IC tag becomes possible;

wherein the first alarm and the second alarm are different or same sound, luminescence, vibration or screen information, or its combination, and are characterized by setting change being arbitrarily possible from the mobile information terminal.

25. The communication system in accordance with claim 24,

wherein the mobile information terminal is characterized by detecting and memorizing temporarily the position information of the mobile information terminal when communication with the reader / writer and the IC tag is possible, and displaying the position information which memorized temporarily when communication with the reader / writer and the IC tag becomes impossible.

26. A communication system comprising:

an IC tag attached on an object;

a reader / writer provided with a function which communicates with the IC tag for every predetermined time;

a mobile information terminal which carries the reader / writer;

wherein the mobile information terminal is characterized by detecting and memorizing temporarily the position information of the mobile information terminal when communication with the reader / writer and the IC tag is possible, emitting a alarm when communication with the reader / writer and the IC tag becomes impossible, and displaying the position information which memorized temporarily.

27. The communication system in accordance with claim 26,

wherein the IC tag is characterized by having given an unique identification number and setting change of correlation data with the object being arbitrarily possible via the reader/writer from the mobile information terminal.

28. The communication system in accordance with claims 26 or 27,

wherein the mobile information terminal is characterized by emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible, and emitting a second alarm when communication with the reader / writer and the IC tag becomes possible.

29. The communication system in accordance with claim 28,

wherein the first alarm and the second alarm are different or same sound, luminescence, vibration or screen information, or its combination, and are characterized by setting change being arbitrarily possible from the mobile information terminal.

30. The communication system in accordance with claim 28,

wherein the mobile information terminal is characterized by detecting and memorizing temporarily the position information of the mobile information terminal using two or more base stations when communication with the reader / writer and the IC tag is possible, and displaying the position information which memorized temporarily when communication with the reader / writer and the IC tag becomes impossible.

31. The communication system in accordance with claim 28,

wherein the mobile information terminal is characterized by having a GPS function, detecting and memorizing temporarily the position information of the mobile information terminal by communication with a GPS satellite via base stations, and displaying the position information which memorized temporarily when communication with the reader / writer and the IC tag becomes impossible.

32. The communication system in accordance with claim 31,

wherein the mobile information terminal is characterized by acquiring the position information of the mobile information terminal by communication with the GPS Satellite and the base stations whenever communication with the reader/writer and the IC tag is performed, overwriting and updating the acquired position information on the position

information memorized temporarily.

33. A communication program applied to a communication system including an IC tag attached on an object, a reader / writer provided with a function which communicates with the IC tag for every predetermined time, a mobile information terminal which carries the reader / writer;

wherein the mobile information terminal is characterized by having processes of
a communication control process which controls communication with the reader/writer and the IC tag;

a position information detection / memory process which detects the position information of the mobile information terminal and memorizes the detected position information temporarily when communication with the reader / writer and the IC tag is possible.

34. The communication system in accordance with any one of claims 1 to 5,

wherein the business card is attached with the IC tag or is attached with a bar code which included URL information instead of attaching with the IC tag, and
wherein the first information and telecommunication terminal consists of a reader function for reading the bar code attached on the business card, accesses to the contents management server by reading the access information included in the bar code using the reader function, and displays contents corresponding to the access information which is acquired from the contents management server.